



Alberta Wetland Policy-Related Tasks

Building a Wetland Assessment & Impact Report (WAIR)

<u>Delineation</u>	<input type="checkbox"/> Preliminary Wetland Boundary (needed for ABWRET-A)
	<input type="checkbox"/> Final Wetland Boundary
<u>Classification</u>	<input type="checkbox"/> Preliminary Wetland Classification (needed for ABWRET-A)
	<input type="checkbox"/> Final Wetland Classification (current condition)
<u>Permanence Assessment</u>	<input type="checkbox"/> <i>Public Lands Act</i> - Water Boundaries (natural condition)
<u>Wetland Value-Category</u>	<input type="checkbox"/> ABWRET-A (send in to AEPA before
Species Surveys	<input type="checkbox"/> Amphibians
	<input type="checkbox"/> Niche Habitats/Wildlife Sweeps (dens, burrows, nests, cavities, etc.)
	<input type="checkbox"/> <u>Rare Plants</u>
	<input type="checkbox"/> Wetland Wildlife of Management Concern (fish, species-at-risk & keystone species)
Hydrology Surveys	<input type="checkbox"/> Personal Septic Treatment Survey
	<input type="checkbox"/> Groundwater investigations
	<input type="checkbox"/> Slope stability assessments
	<input type="checkbox"/> Surface run-off analysis
	<input type="checkbox"/> Water quality sampling
Mitigation Measures and BMPs	<input type="checkbox"/> <u>Avoidance, minimization, replacement</u>
Wetland Setback Width Assessment	<input type="checkbox"/> Municipality driven in by-laws/policies
Impact Analysis	<input type="checkbox"/> Quantitative Impacts to wetland area (i.e., loss)
	<input type="checkbox"/> Qualitative Impacts to wetland (function, processes, classification)
Residual Effects	<input type="checkbox"/> Impacts that remain after mitigation measures have been applied
Cumulative Effects	<input type="checkbox"/> Effects due to stochastic/unanticipated impacts during construction, and contribution to change in regional processes
Indirect Effects	<input type="checkbox"/> Activities in a wetland's catchment(s) that change that wetland's functionality, extent or classification
<u>Authentication</u>	<input type="checkbox"/> Authenticating Wetland Professional per the Professional Practice Standards

This draft infographic was created for learning purposes only, as a follow up to a SALMTEC Custom Blended Course. Contents should not be construed as a complete list of all considerations for building a WAIR, which is one of several requirements for a *Water Act* application.